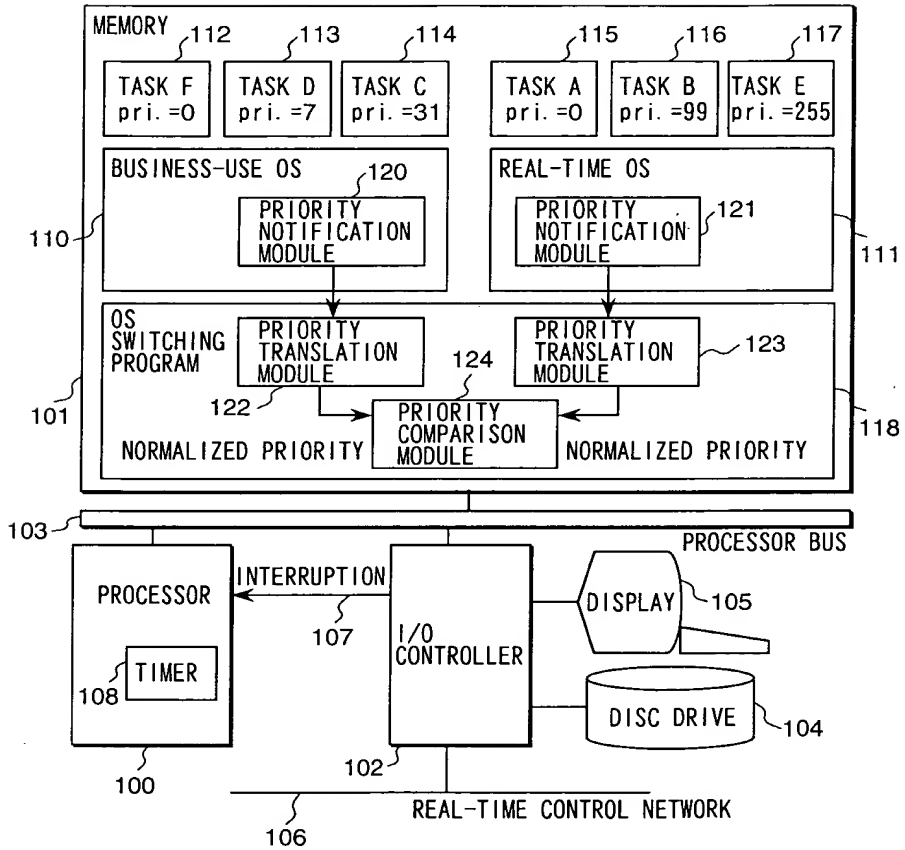


FIG. 1



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FIG.2

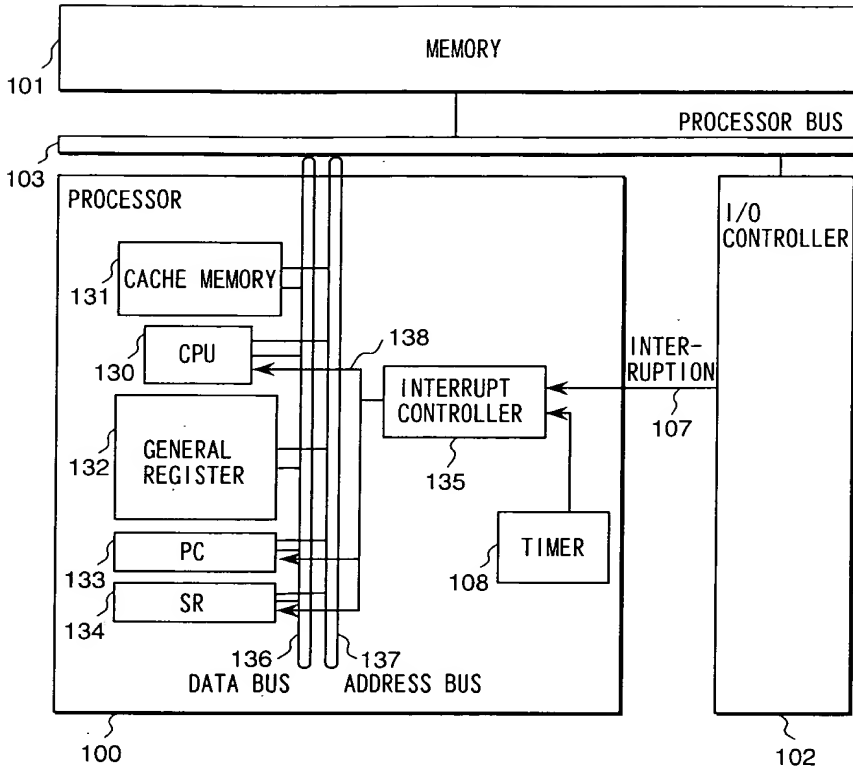


FIG.3

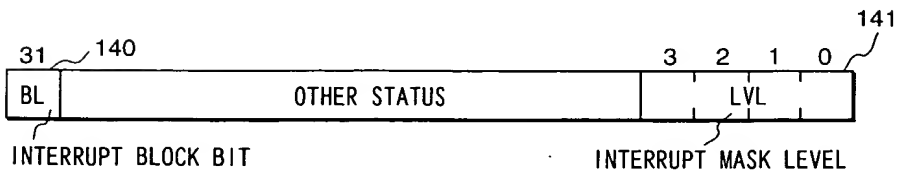


FIG. 4

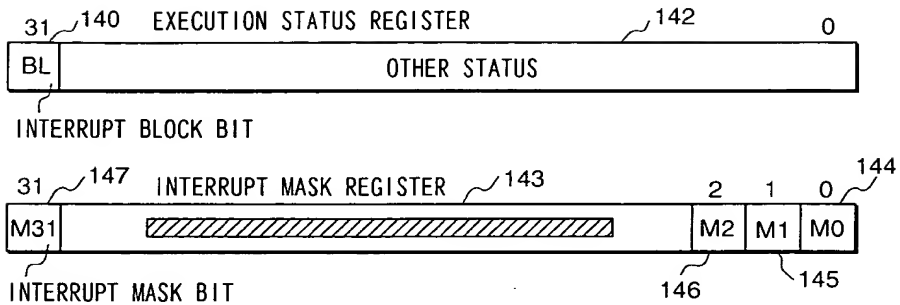


FIG. 5

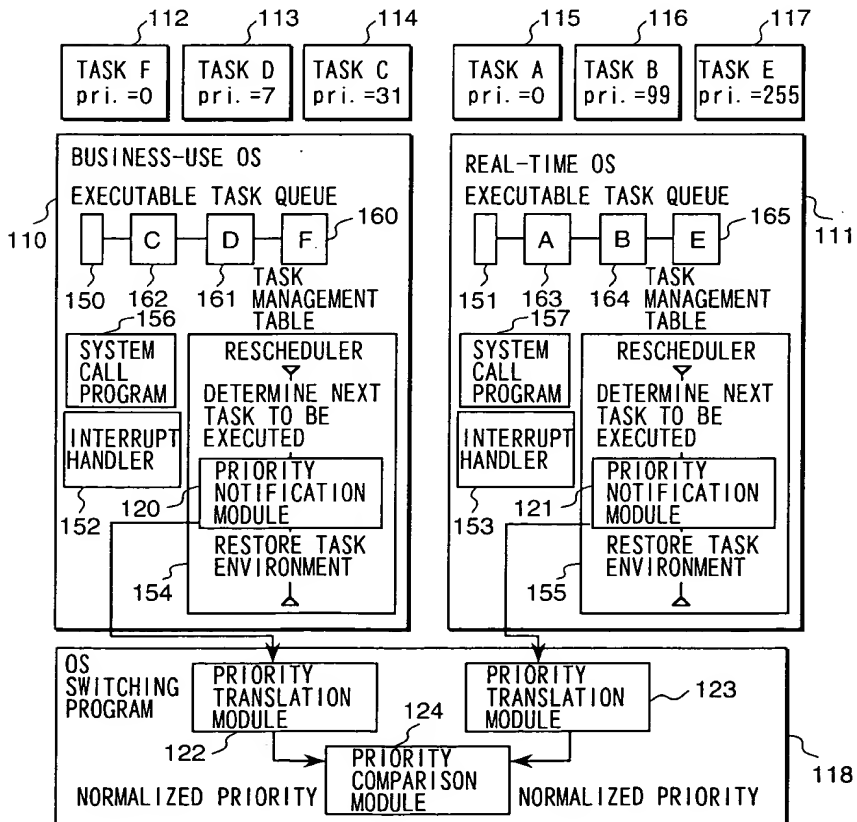


FIG.6

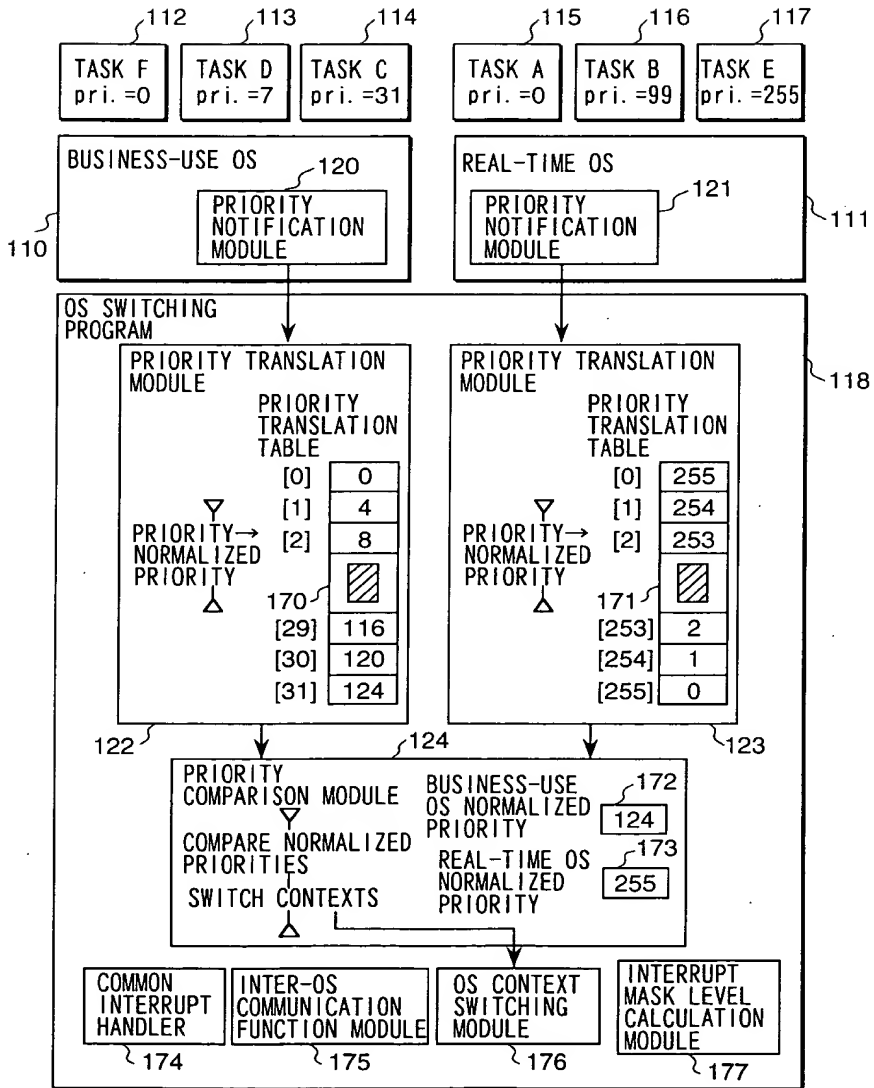


FIG. 7

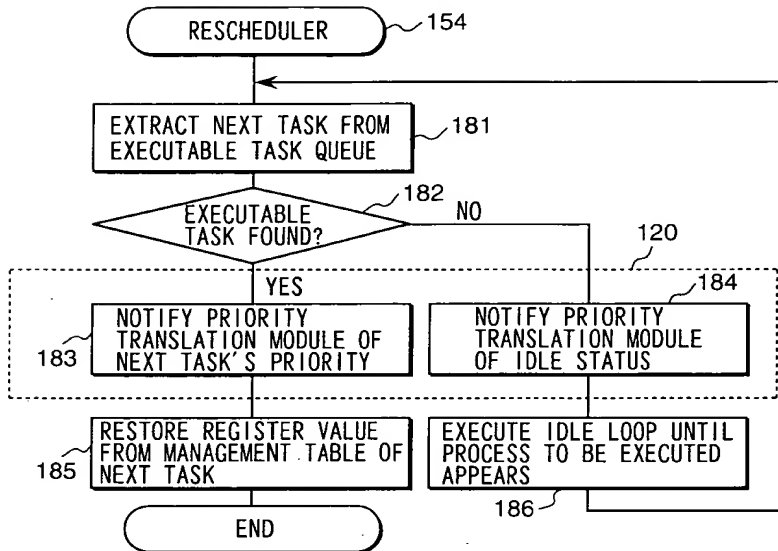


FIG. 8

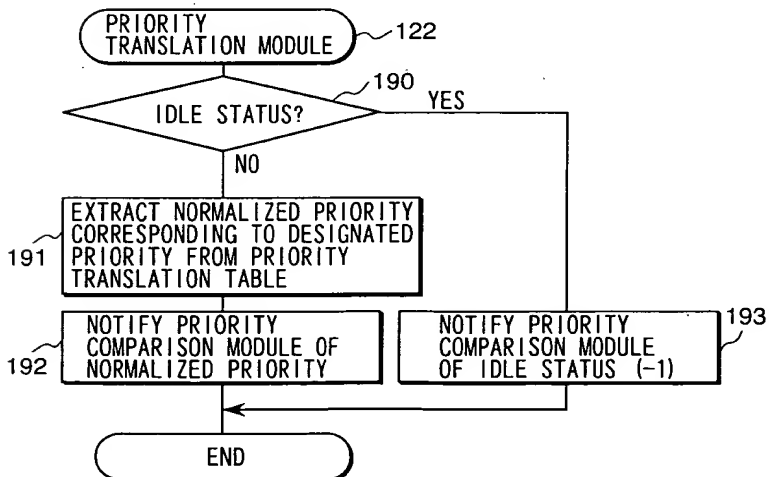
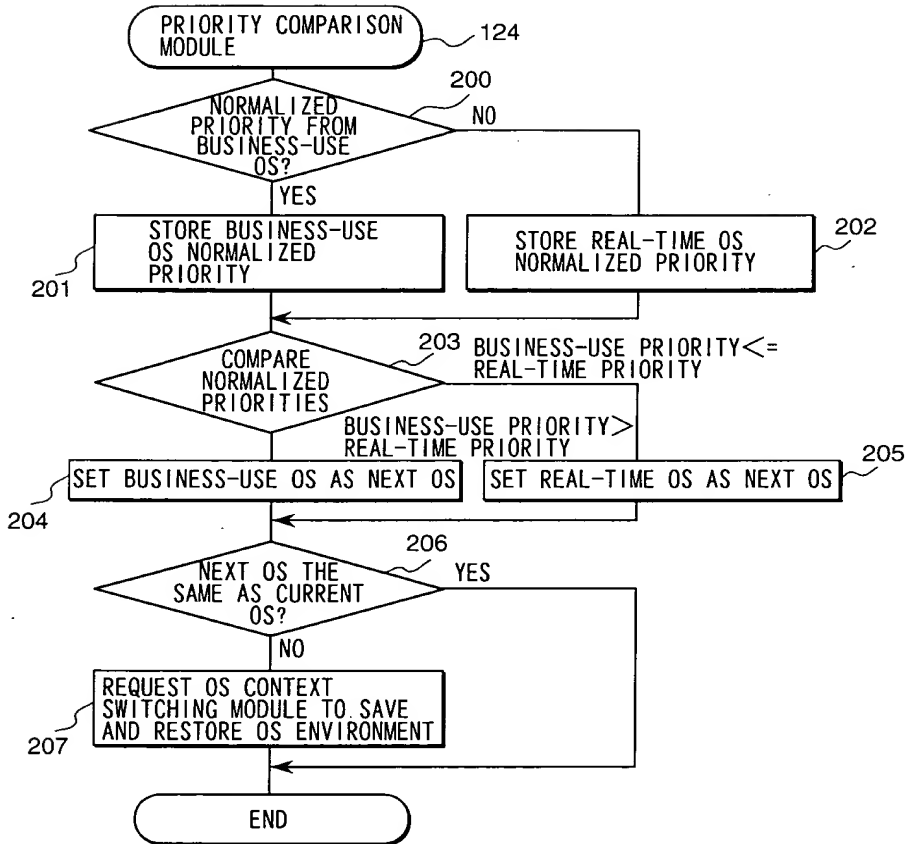
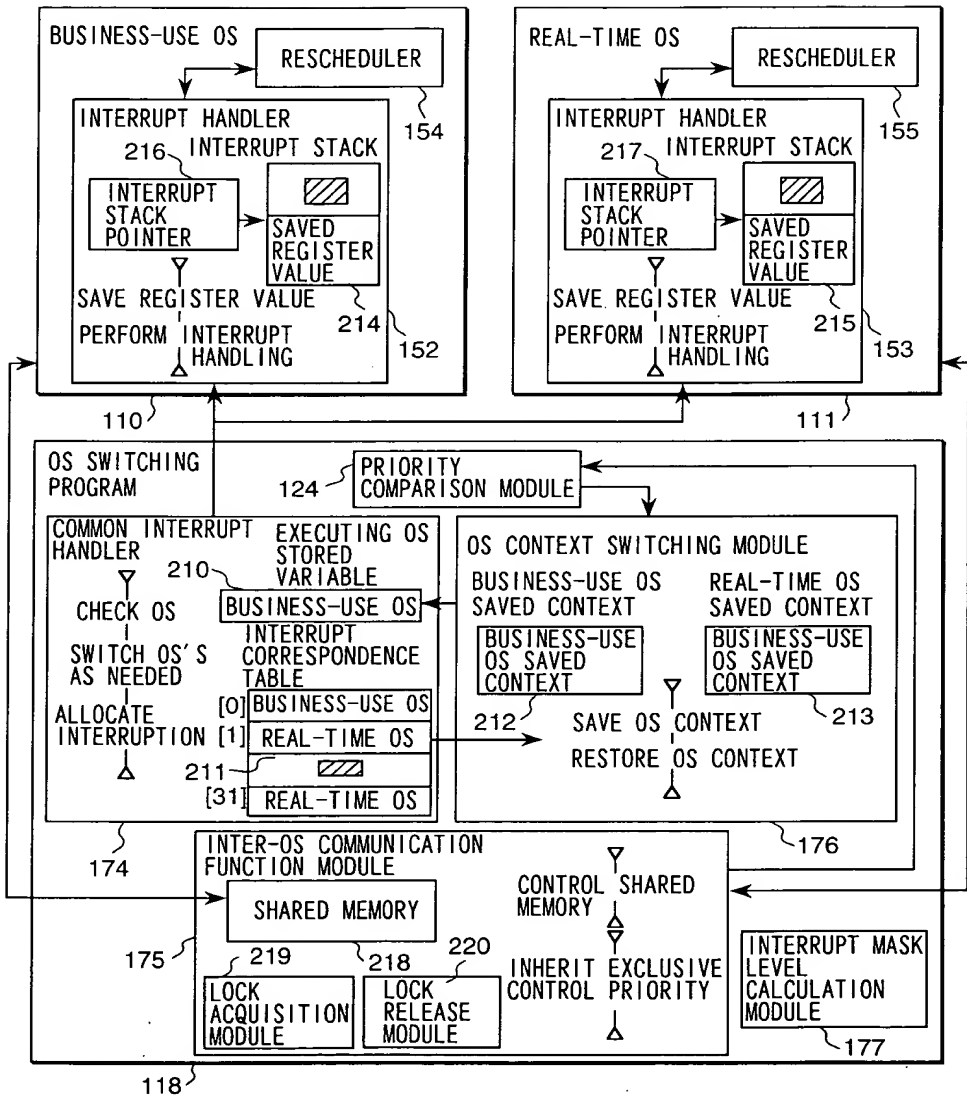


FIG.9



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FIG.10



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FIG.11

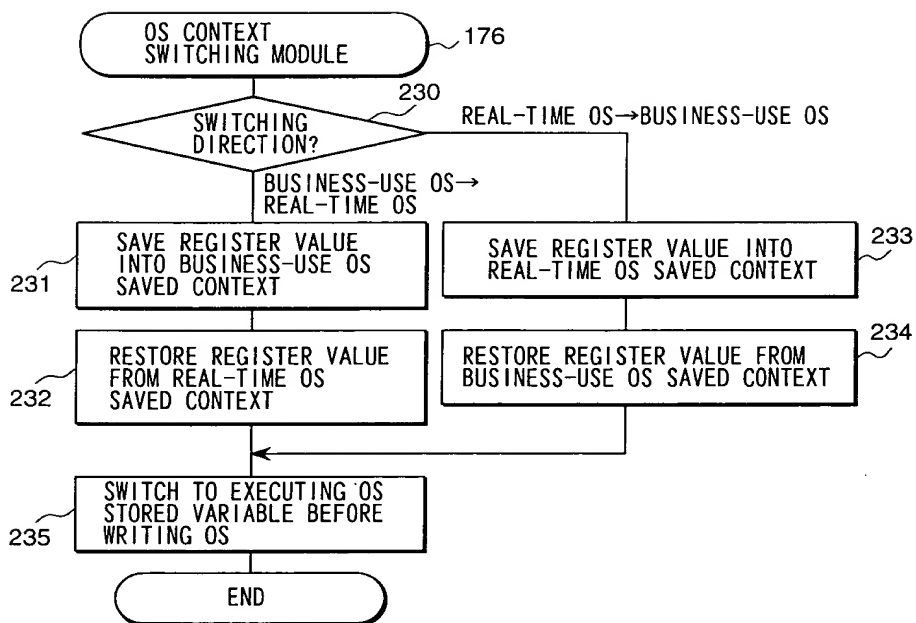


FIG.12

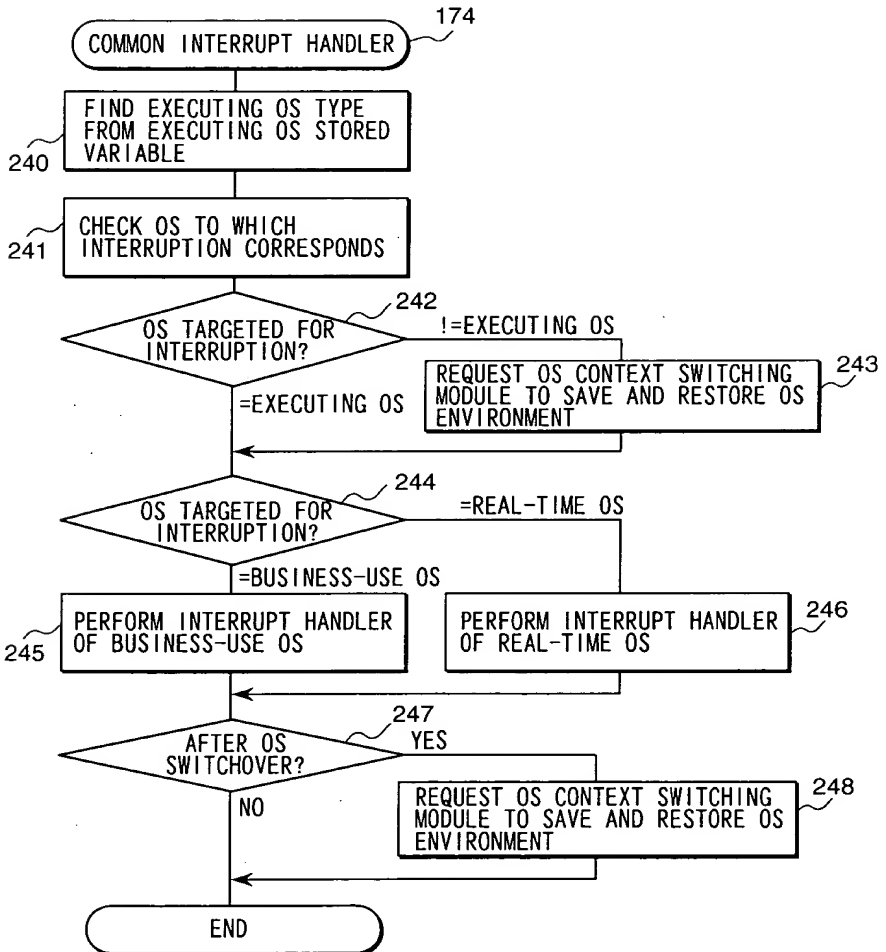


FIG.13

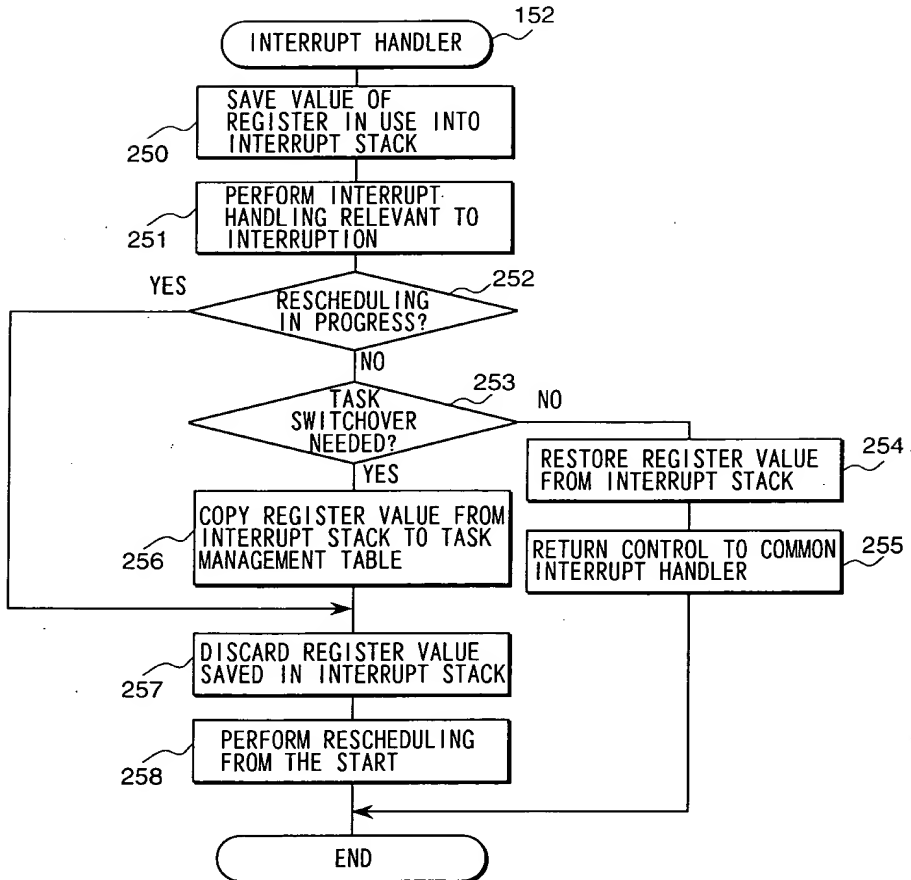


FIG. 14

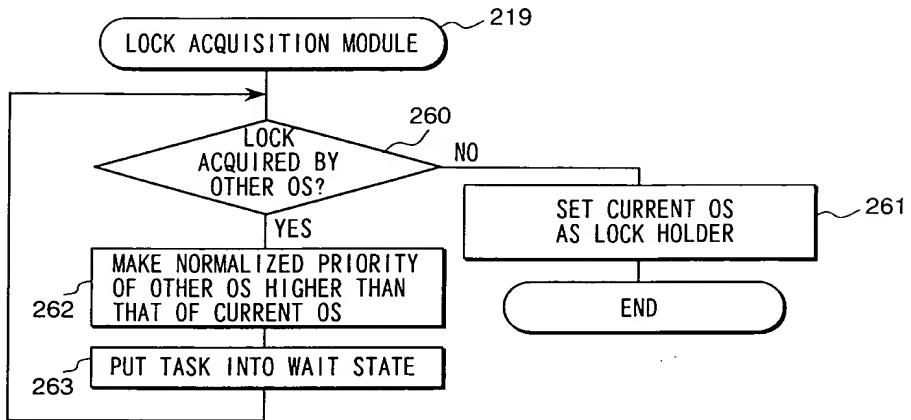


FIG. 15

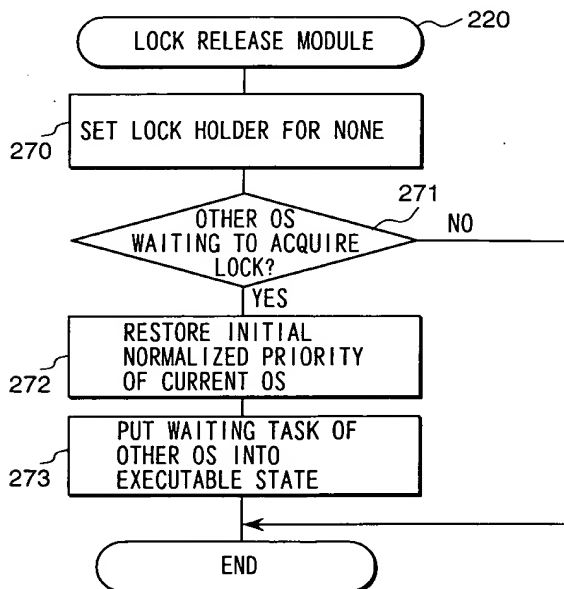


FIG. 16

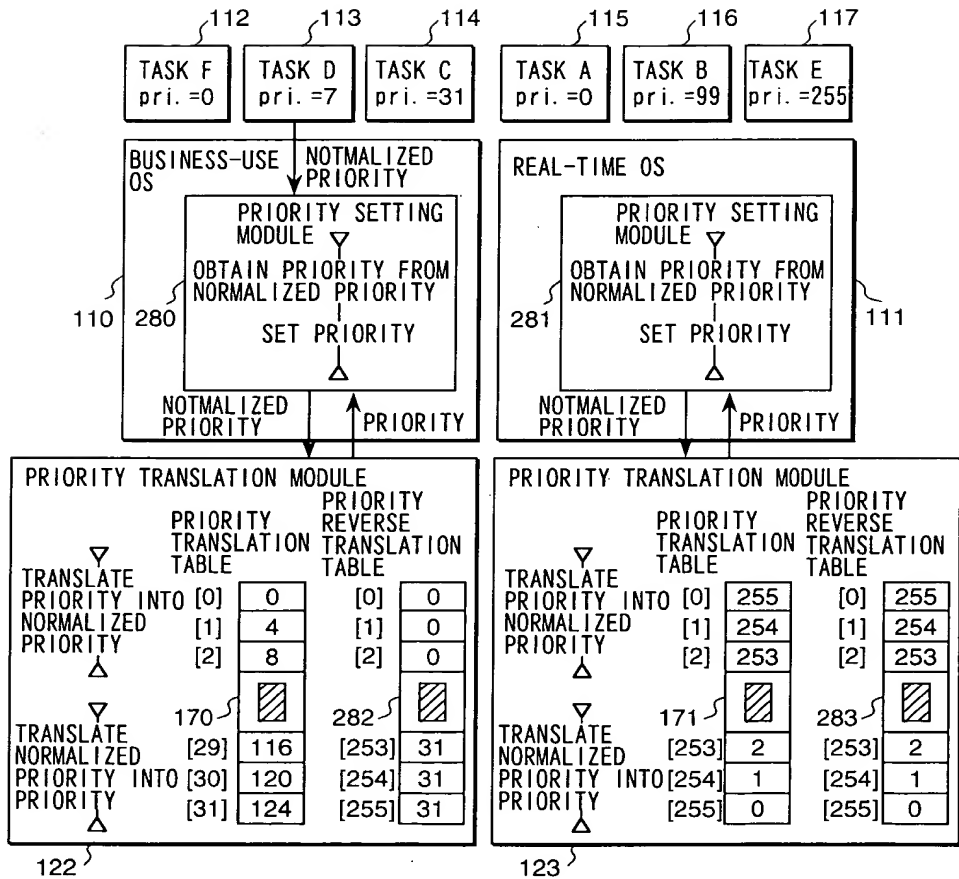


FIG.17

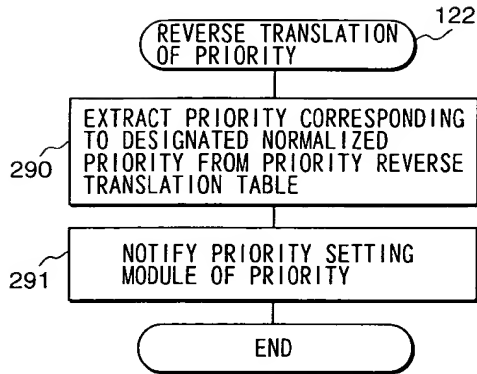


FIG.18

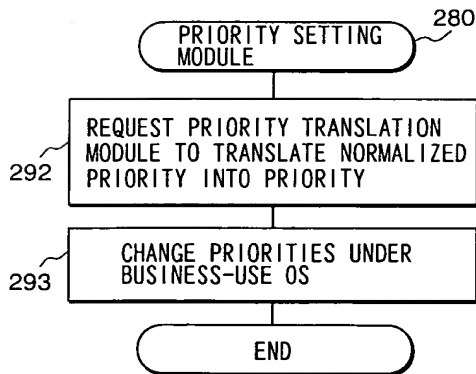


FIG. 19

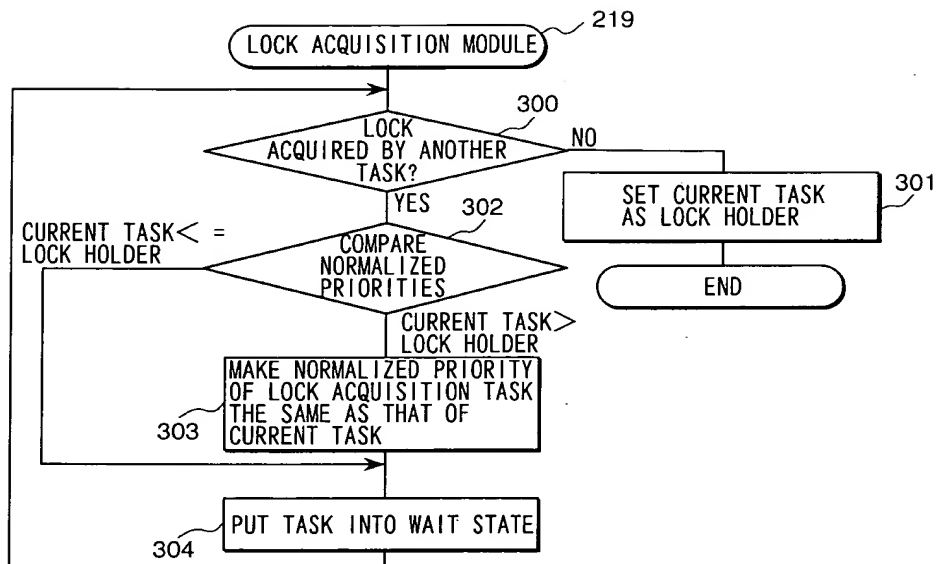
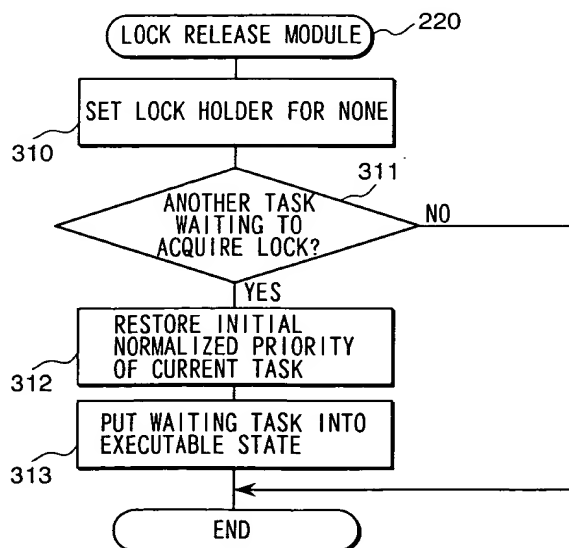


FIG. 20



OS SWITCHING PROGRAM

PRIORITY TRANSLATION MODULE 122

PRIORITY TRANSLATION TABLE

[0]	0
[4]	4
[8]	8
[170]	[Hatched Box]
[29]	116
[30]	120
[31]	124

TRANSLATE PRIORITY INTO NORMALIZED PRIORITY

PRIORITY TRANSLATION MODULE 123

PRIORITY TRANSLATION TABLE

[0]	255
[1]	254
[2]	253
[171]	[Hatched Box]
[253]	2
[254]	1
[255]	0

TRANSLATE PRIORITY INTO NORMALIZED PRIORITY

PRIORITY COMPARISON MODULE 124

NORMALIZED PRIORITY

INTERRUPT MASK LEVEL CALCULATION MODULE 177

INTERRUPT MASK TRANSLATION TABLE

[0]	0x00000000
[1]	0x00000000
[2]	0x00000000
[320]	[Hatched Box]
[253]	0xffffffff c
[254]	0xffffffff e
[255]	0xffffffff c

OBTAIN INTERRUPT MASK VALUE

SET INTERRUPT MASK

FIG.22

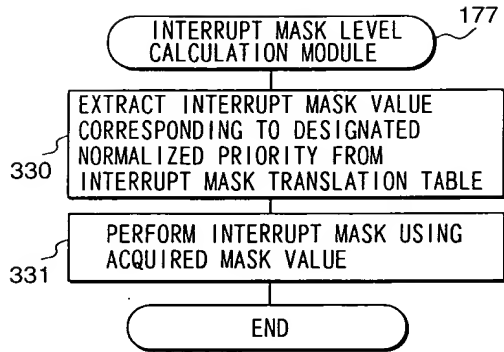


FIG.23

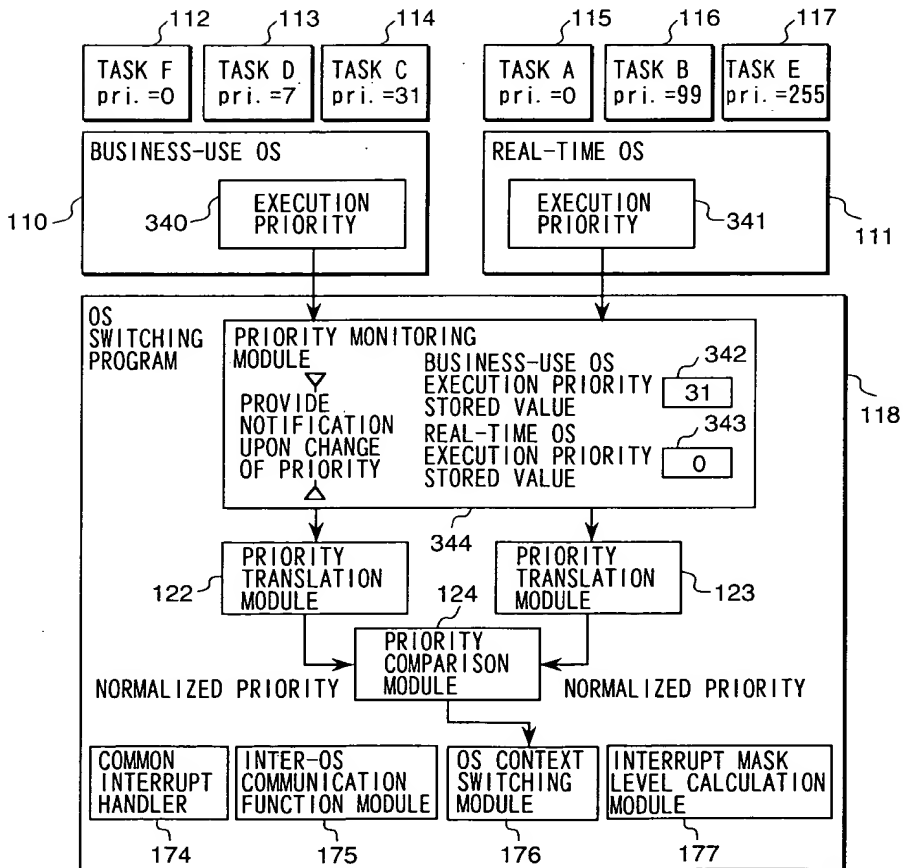
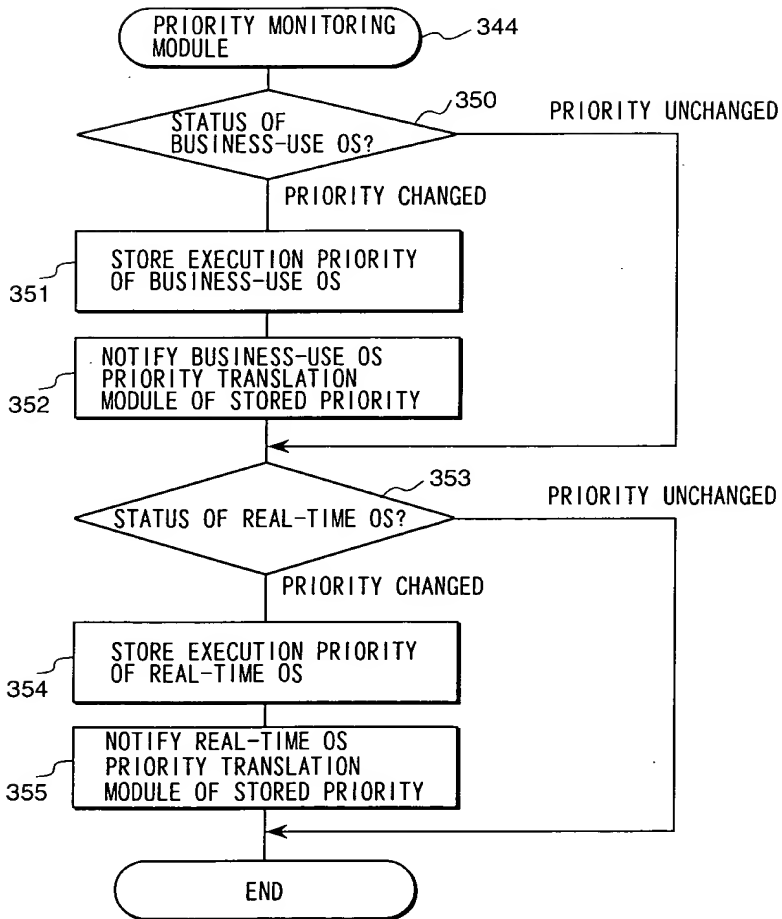
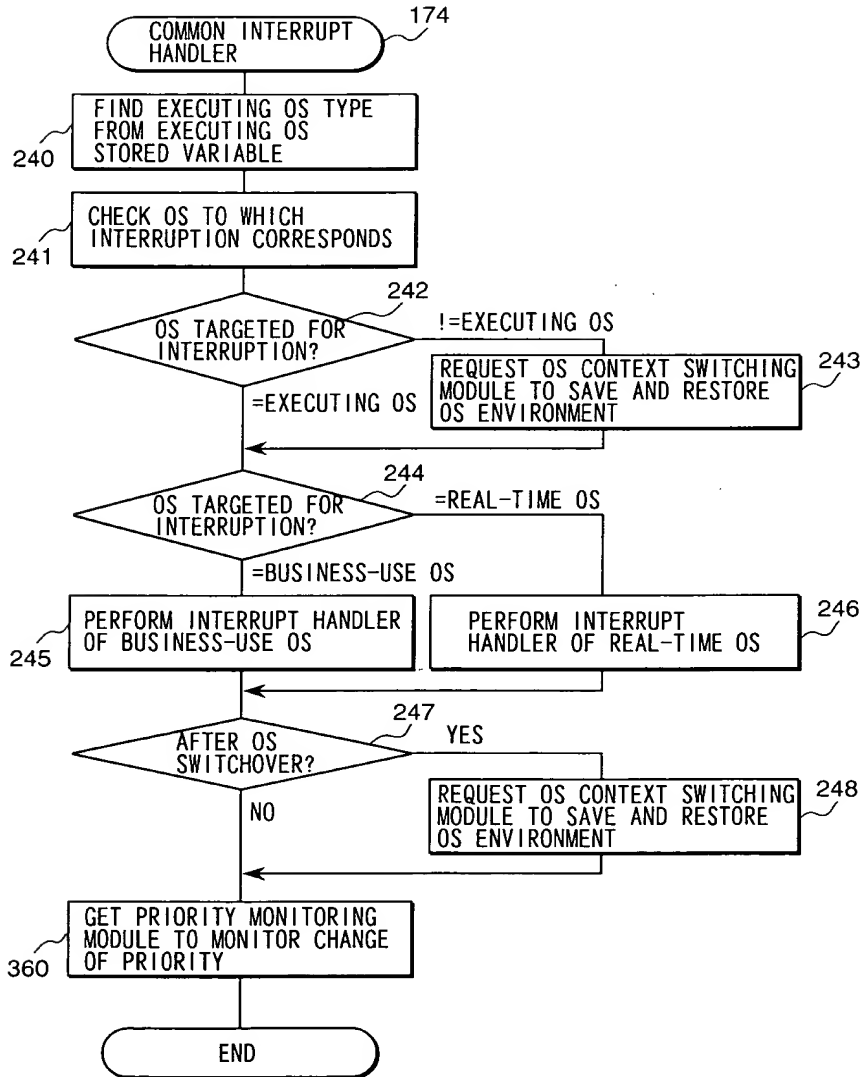


FIG.24



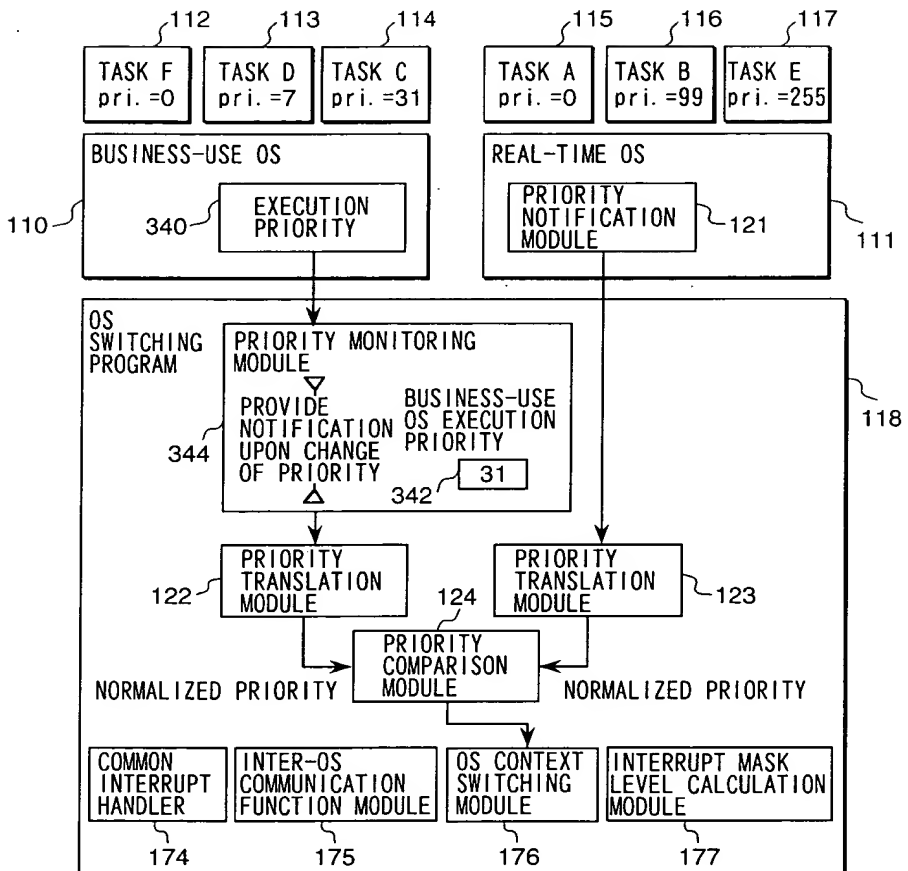
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FIG.25



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FIG.26



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FIG.27

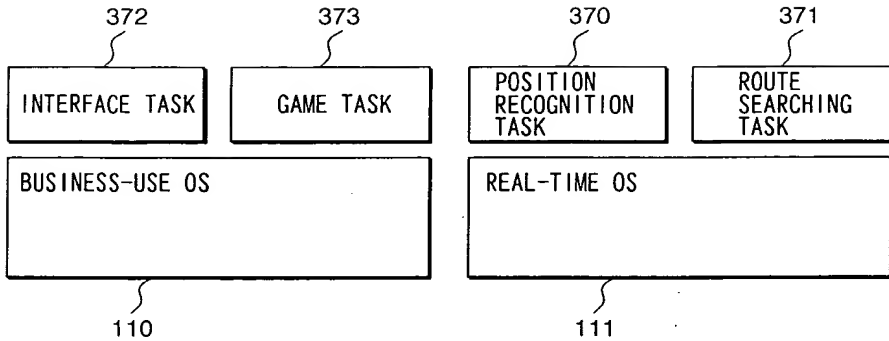


FIG.28

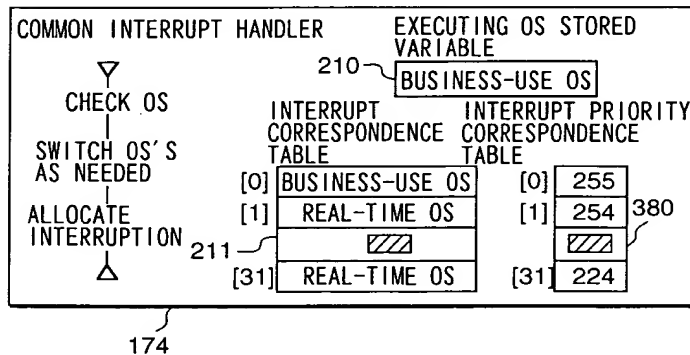
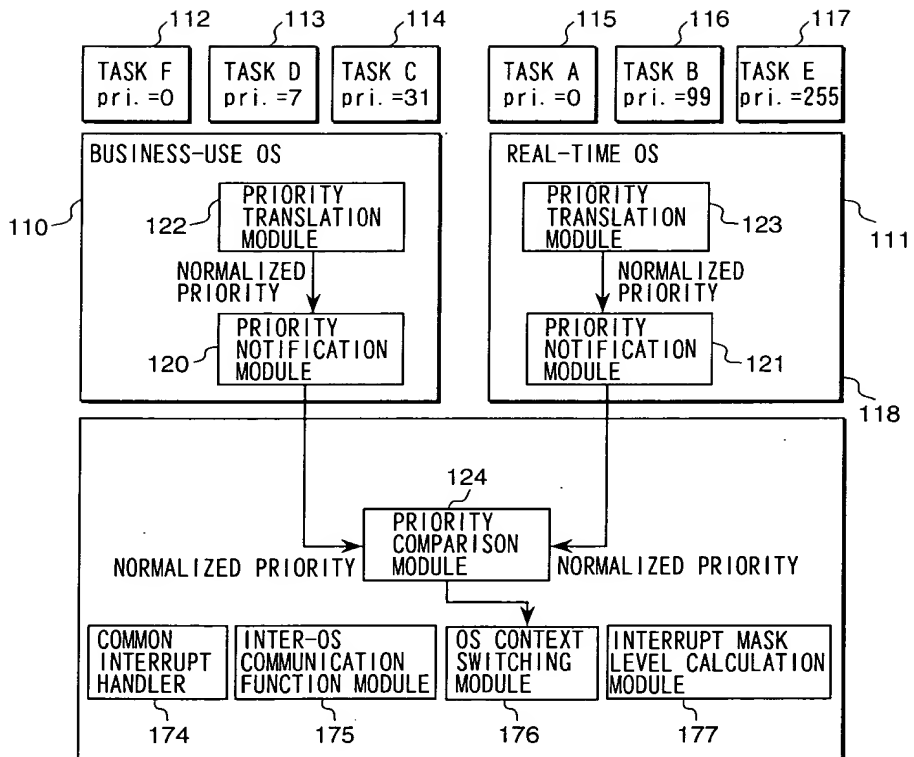


FIG.29



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